

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$892** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1342** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$892**
 - **\$747** for **83** total claims over 20.
 - **\$145** for multiple dependent claim surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

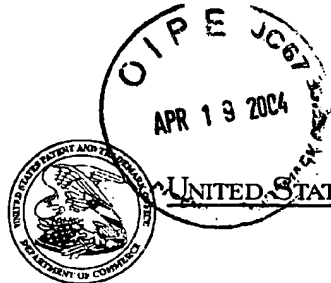
*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Express Mail No. EV336618561US

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/714,564	11/14/2003	Orest W. Blaschuk	100086.418

CONFIRMATION NO. 6389

FORMALITIES LETTER



OC000000011923085

00500
 SEED INTELLECTUAL PROPERTY LAW GROUP PLLC
 701 FIFTH AVE
 SUITE 6300
 SEATTLE, WA 98104-7092

Date Mailed: 02/19/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

04/21/2004 GWORDDF1 00000046 10714564

FILED UNDER 37 CFR 1.53(b)

01 FC:2001	385.00 OP
02 FC:2201	387.00 OP
03 FC:2202	441.00 OP
04 FC:2203	145.00 OP
05 FC:2054	65.00 OP

Filing Date Granted

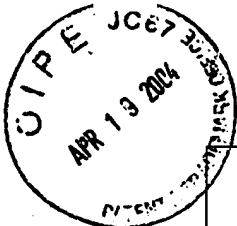
Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov



EXPRESS MAIL NO. EV336618561US

**TRANSMITTAL
FORM***(To be used for all correspondence
after initial filing)*

Application Number	10/714,564
Filing Date	November 14, 2003
First Named Inventor	Orest W. Blaschuk
Art Unit	3629
Examiner Name	
Attorney Docket No.	100086.418

ENCLOSURES (check all that apply)

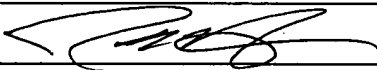
- ☒ Fee Transmittal Form
☒ Fee Attached
☒ Preliminary Amendment
☐ After Final
☐ Affidavits/declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☐ Information Disclosure Statement; Form PTO-1449
☐ Cited References
☐ Certified Copy of Priority Document(s)
☒ Response to Missing Parts under 37 C.F.R. 1.52 or 1.53
☐ Response to Missing Parts/Incomplete Application

- ☐ Drawing(s)
☐ Request for Corrected Filing Receipt
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a Provisional Application
☒ Power of Attorney, Revocation, Change of Correspondence Address
☒ Declaration
☒ Statement under 37 CFR 3.73(b)
☐ Terminal Disclaimer
☐ Request for Refund

- ☐ CD(s), Number of CD(s) _____
☐ After Allowance Communication to Group
☐ Appeal Communication to Board of Appeals and Interferences
☐ Appeal Communication to Group (*Appeal Notice, Brief, Reply Brief*)
☐ Proprietary Information
☐ Status Letter
☒ Return Receipt Postcard
☒ Additional Enclosure(s) (*please identify below*):
Copy of Assignment
Copy of Notice to File Missing Parts
CRF of Sequence Listing
Declaration re Sequence Listing
Paper Copy of Sequence Listing (349 pgs.)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Jeffrey Hundley, Ph.D., Patent Agent	Customer Number 00500
Signature		
Date	April 19, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name		
Signature		Date:

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 475398_1.DOC

PIPE FEE TRANSMITTAL **for FY 2004**

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) **1423**

Complete If Known

Application Number **10/714,564**
 Filing Date **November 14, 2003**
 First Named Inventor **Orest W. Blaschuk**
 Examiner Name
 Art Unit **3629**
 Attorney Docket No. **100086.418**

METHOD OF PAYMENT

☒ Payment Enclosed:
☒ Check ☐ Credit card ☐ Money Order ☐ Other
☐ Deposit Account:
 Deposit Account Number **19-1090**
 Deposit Account Name **Seed Intellectual Property Law Group PLLC**

The Director is authorized to (check all that apply)
☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any deficiencies
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 385)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
69	-20 =	49	*	9	=	441	
Independent Claims	12	-3 =	9	*	43	=	387
Multiple Dependent					145	=	145

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 973)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

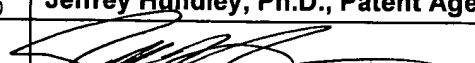
Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	65
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1330	2453	665	Petition to revive - unintentional	
1501	1330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$ 65)**

SUBMITTED BY

Name (Print/Type) **Jeffrey Hundley, Ph.D., Patent Agent** Registration No. **42,676**
 Signature  Date **April 19, 2004**

Customer Number

00500

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Orest W. Blaschuk et al.
Application No. : 10/714,564
Filed : November 14, 2003
For : COMPOUNDS AND METHODS FOR MODULATING
FUNCTIONS OF NONCLASSICAL CADHERINS

Art Unit : 3629
Docket No. : 100086.418
Date : April 19, 2004

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION

Commissioner for Patents:

In response to the Notice to File Missing Parts dated February 19, 2004, please find enclosed the following documents:

- X Fee
- X Oath/Declaration
- X Copy of Notice to File Missing Parts
- X CRF of Sequence Listing
- X Declaration re Sequence Listing
- X Paper Copy of Sequence Listing (349 pgs.)

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Jeffrey Hundley, Ph.D., Patent Agent
Registration No. 42,676